

CLAIMS

1. A waterproof contact comprising

5 – a base plate,

– a side-wall extending from the base plate in a substantially vertical direction so as to form a housing, said housing having an opening essentially opposite to the base plate,

10 – a first and a second outer terminal penetrating the base plate so as to form a first and a second contact area on an inner surface of the base plate,

– a movable knob being adapted to be moved in a direction substantially perpendicular to a plane defined by the inner surface of the base plate, the movable knob comprising a bottom part positioned in the housing, a top part positioned outside the housing, and a middle part connecting said bottom and top part, the middle part being positioned in the opening of the housing,

15 – an electrical conductor attached to said bottom part for providing electrical contact between said terminals, and

– sealing means for providing a waterproof seal between said housing and said movable knob.

20 2. A waterproof contact according to claim 1, and comprising a flexible encapsulation enclosing the parts of the movable knob extending outside the housing and the covering part of an upper surface of the housing.

25 3. A waterproof contact according to claim 1, further comprising an elastic member for loading the movable knob in a direction away from the base plate.

30 4. A waterproof contact according to claim 3, wherein the elastic member comprises a spring positioned between the base plate and the movable knob.

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5. A waterproof contact according to claim 2, wherein the flexible encapsulation comprises a thermoplastic elastomer.
6. A waterproof contact according to claim 5, wherein the sealing means is formed by said 5 thermoplastic elastomer.
7. A waterproof contact according to claim 1, wherein the sealing means comprises an annular member positioned around said middle part and between said top part and an upper surface of the housing.
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8. A waterproof contact according to claim 7, wherein the annular member comprises an o-ring.
9. A waterproof contact according to claim 8, wherein the o-ring is made of a resilient 15 material, such as silicone or rubber.
10. A waterproof contact according to claim 1, wherein the electrical conductor is glued or screwed together with the bottom part of the knob.
- 20 11. A waterproof contact according to claim 1, wherein the electrical conductor is formed as a disc.